

f) a polypeptide comprising the amino acid sequence encoded by the cDNA of the clone contained in NRRL Deposit No. B-21416;

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g) a polypeptide comprising at least 15 contiguous amino acids of SEQ ID NO:3;

h) a polypeptide comprising at least 15 contiguous amino acids of SEQ ID NO:7;

i) a polypeptide comprising at least 15 contiguous amino acids of SEQ ID NO:9;

[j) a polypeptide comprising naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:3;

k) a polypeptide comprising naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:7; and

l) a polypeptide comprising naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:9].

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39. The isolated polypeptide of claim 29 wherein [wehreïn] the polypeptide comprises at least 15 contiguous amino acids of SEQ ID NO:9.

40. An [The] isolated polypeptide encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68° C in 0.1X SSC, 0.1% SDS [of claim 29 wherein the polypeptide comprises a naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:3].

41. An [The] isolated polypeptide encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS [of claim 29 wherein the polypeptide comprises a naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:7].

42. An [The] isolated polypeptide encoded by a nucleic acid molecule that hybridizes to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS [of claim 29 wherein the polypeptide comprises a naturally occurring allelic variant of the amino acid sequence of SEQ ID NO:9].

43. An [The] isolated polypeptide selected from the group consisting of:

a) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68°C in 0.1X SSC, 0.1% SDS;

b) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS;

c) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS;

d) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21426 at 68°C in 0.1X SSC, 0.1% SDS;

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e) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97880 at 68°C in 0.1X SSC, 0.1% SDS; and

f) a polypeptide comprising at least 15 contiguous amino acids encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97881 at 68°C in 0.1X SSC, 0.1% SDS.

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45. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:2 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

46. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by an nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:6 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

47. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to the nucleic acid molecule of SEQ ID NO:8 or its complement at 68°C in 0.1X SSC, 0.1% SDS.

48. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21416 at 68°C in 0.1X SSC, 0.1% SDS.

49. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA [cNDA] of the clone contained in ATCC Accession No. 97880 at 68°C in 0.1X SSC, 0.1% SDS.

50. The isolated polypeptide of claim 43 wherein the polypeptide comprises at least 15 contiguous amino acids and is encoded by a nucleic acid molecule that hybridizes [under stringent conditions] to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97881 at 68°C in 0.1X SSC, 0.1% SDS.

Please add claims 51-56 as follows.

--51. An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 20 nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:2 or its complement at 42°C in 0.2X SSC, 0.1% SDS.

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PG6* 52. An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 20 nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:6 or its complement at 42°C in 0.2X SSC, 0.1% SDS.

C4 53. An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 20 nucleotides and hybridizes to the nucleic acid molecule of SEQ ID NO:8 or its complement at 42°C in 0.2X SSC, 0.1% SDS.

54. An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 20 nucleotides and hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in NRRL Deposit No. B-21416 at 42°C in 0.2X SSC, 0.1% SDS.

55. An isolated polypeptide encoded by a nucleic acid molecule that comprises at least 20 nucleotides and hybridizes to a nucleic acid molecule having the sequence of the cDNA of the clone contained in ATCC Accession No. 97880 at 42°C in 0.2X SSC, 0.1% SDS.